

PTO/SB/21 (09-04)

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| <b>TRANSMITTAL FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number     | 10/037,086       |
|   | Filing Date            | 10/22/2001       |
|   | First Named Inventor   | Xavier et al.    |
|   | Art Unit               | 2123             |
|   | Examiner Name          | Russell L. Guill |
|   | Attorney Docket Number | SP6851/S96528    |
| Total Number of Pages in This Submission  | 12                     |                  |

| ENCLOSURES (Check all that apply)   |   |   |
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| <input type="checkbox"/> After Final                                      | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information  |
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| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |                          |          |        |
|--|--------------------------|----------|--------|
| Firm Name                                  | Sandia Corporation       |          |        |
| Signature                                  | <i>William R. Conley</i> |          |        |
| Printed name                               | William R. Conley        |          |        |
| Date                                       | 12/16/2005               | Reg. No. | 55,844 |

| CERTIFICATE OF TRANSMISSION/MAILING  |                          |
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| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: 571-273-8300 |                          |
| Signature  | <i>William R. Conley</i> |
| Typed or printed name  | William R. Conley        |
| Date   | 12/16/2005               |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No. : 10/037,096

Confirmation No. : 5879

Applicant : Xavier et al.

Title: *Apparatus and Method for  
Interaction Phenomena With  
World Modules in Data-Flow-  
Based Simulation*

Filed : 10/22/2001

Art Unit : 2123

Examiner : Russell L. Guill

Docket No. : SD6851/S96528

Customer No. : 20567

**AMENDMENT**Commissioner for Patents  
P.O. 1450  
Alexandria, VA 22313-1450

Date: 12/16/2005

Sir:

In response to the Office Action mailed 11/18/2005, please amend the above identified application and reconsider the patentability of the invention in light of the arguments and amendments presented. Applicants submit the following in complete response thereto.

The Office is hereby authorized to charge **Deposit Account # 19-0131** for any necessary fees regarding this Reply.